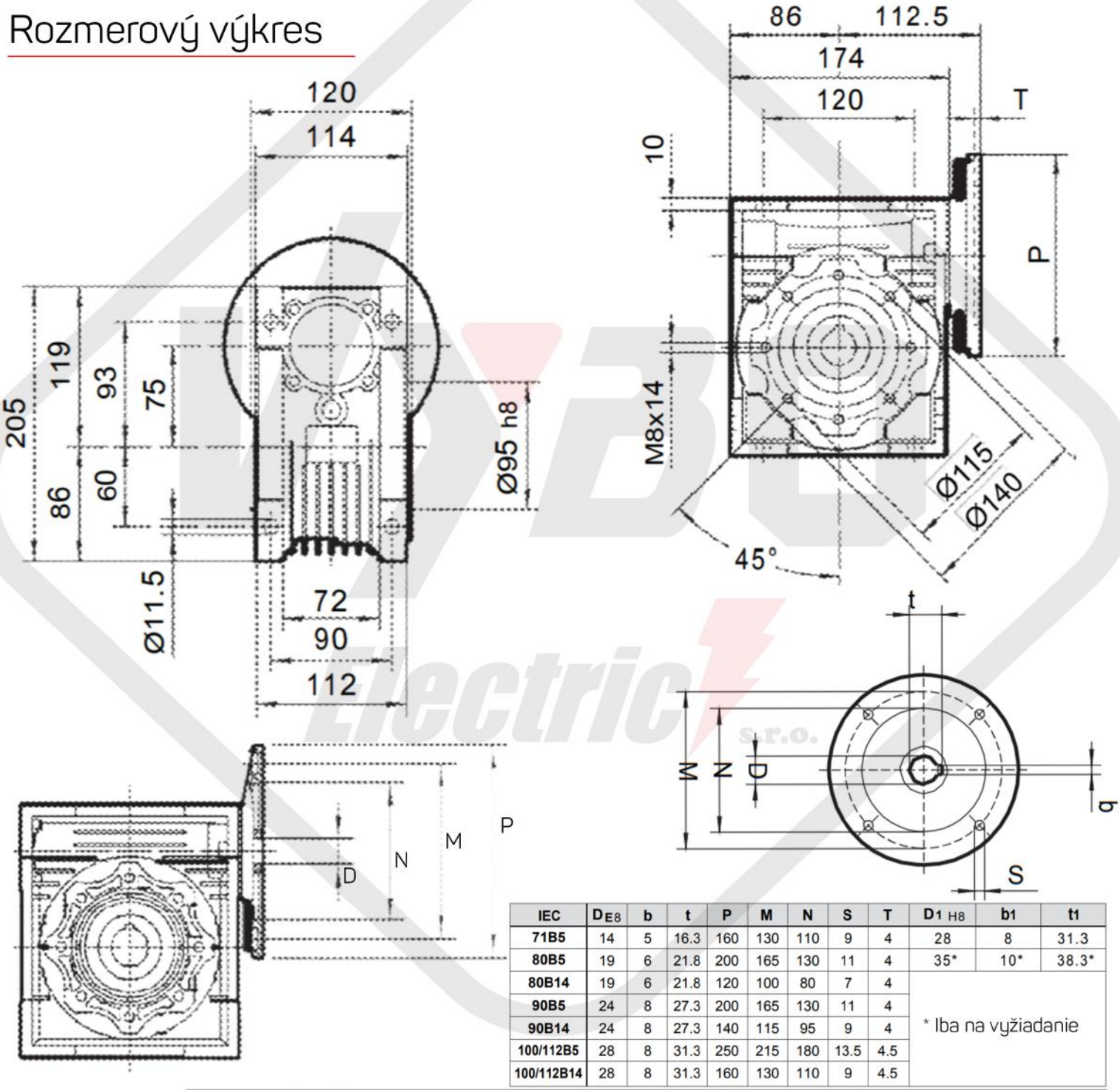
ŠNEKOVÁ PREVODOVKA WGM 075

Základné informácie

Typ:	WGM 075
Otvor pre vstupný hriadeľ:	14 mm, 19 mm, 24 mm, 28 mm
Otvor pre výstupný hriadeľ:	28 mm
Dostupné príruby:	100/112B14, 100/112B5, 80B14, 80B5, 90B14, 90B5
Dostupný prevodový pomer [i]:	7,5 - 100
Hmotnosť:	11 kg
Príslušenstvo na požiadanie:	-torzné rameno, príruby, hriadele, elektromotory

Rozmerový výkres



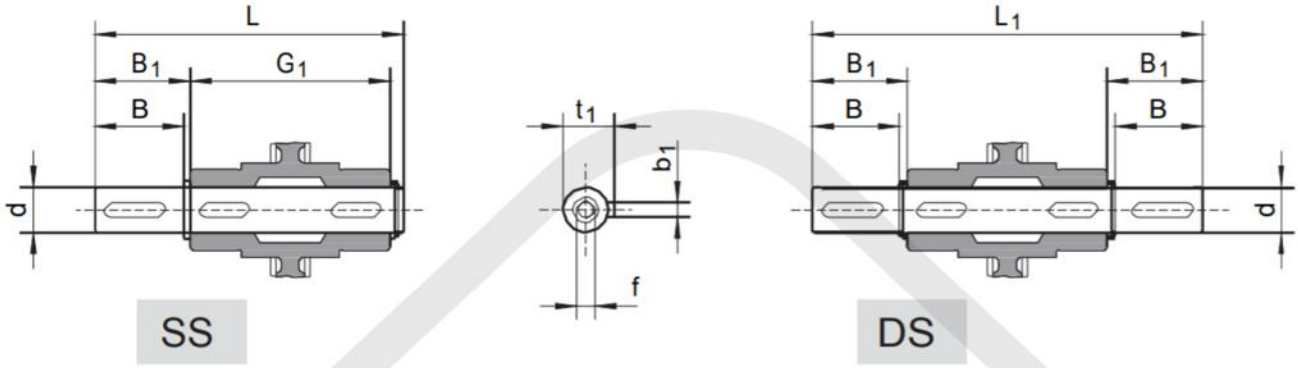
IEC	D_{E8}	b	t	P	M	N	S	T	$D_{1\ H8}$	b1	t1
71B5	14	5	16.3	160	130	110	9	4	28	8	31.3
80B5	19	6	21.8	200	165	130	11	4	35*	10*	38.3*
80B14	19	6	21.8	120	100	80	7	4			
90B5	24	8	27.3	200	165	130	11	4			
90B14	24	8	27.3	140	115	95	9	4			
100/112B5	28	8	31.3	250	215	180	13.5	4.5			
100/112B14	28	8	31.3	160	130	110	9	4.5			

* Iba na vyžiadanie

	IEC				Priemer otvoru vstupného hriadeľa										
	IEC	P	M	N	Pomer										
					7.5	10	15	20	25	30	40	50	60	80	100
WGM075	71B5	160	130	110								14	14	14	14
	80B5	200	165	130				19	19	19	19	19	19	19	19
	80B14	120	100	80											
	90B5	200	165	130	24	24	24	24	24	24	24				
	90B14	140	115	95											
	100 / 112B5	250	215	180	28	28	28								
	100 / 112B14	160	130	110											

PRÍSLUŠENSTVO

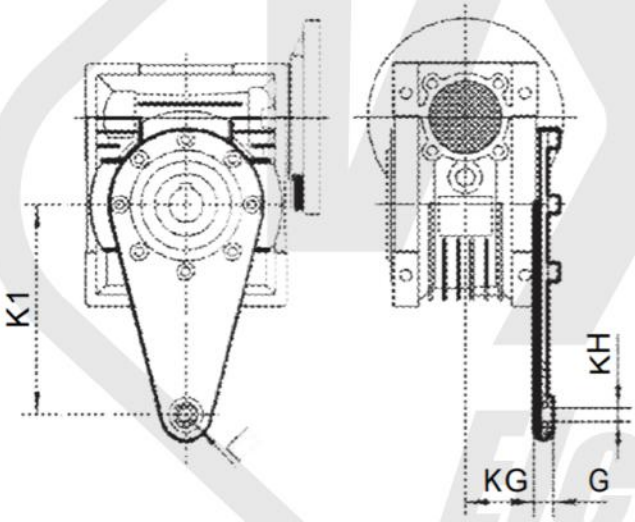
Výstupné hriadele



SS DS

	d h6	B	B1	G1	L	L1	f	b1	t1
WGM075	28	60	63.5	120	192	247	M10	8	31

Torzné rameno



	K1	G	KG	KH	R
WGM075	200	25	47.5	20	30

Mazanie

	°C -50 0 +50 +100	ISO	SHELL	AGIP	ESSO	MOBIL	CASTROL	BP		
WGM025-105 PC063-090 WG30-49	-25 +50	VG320	Tivela OIL S320	Telium VSF320	S220	Glygoyle 30	Alphasyn PG320	Energol SG-XP320		Synthetaköl Synthetic oil

Množstvo maziva je len orientačné. Pre správne naplnenie sa vždy pri dopĺňaní pozrite na sklo alebo na mierku. Všetky rozdiely v hladinách oleja môžu byť spôsobené konštrukčnými toleranciami, ale aj montážnou polohou alebo montážnou schémou zákazníka. Preto je pre zákazníka veľmi dôležité skontrolovať hladinu oleja a v prípade potreby doplniť potrebné množstvo.

WGM 075

TABUĽKA VÝBERU PREVODOVKY
WGM Parametre výkonnosti WGM + ELEKTROMOTOR

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs			
0.25	17.5	80	80	6130	2.4	**WGM075**	**71B5**	**71A4**
	14	94	100	6603	1.9			
	11.3	117	80	7103	1.7	**WGM075**	**71B5**	**71B6**
	9	133	100	7380	1.4			
0.37	23.3	97	60	5569	2.1	**WGM075**	**71B5**	**71B4**
	17.5	119	80	6130	1.6			
	14	139	100	6603	1.3			
	18	124	50	6073	1.8	**WGM075**	**80B5/B14**	**80A6**
	15	141	60	6453	1.5			
	11.3	173	80	7103	1.2			
	9	196	100	7380	1.0			
0.55	35	99	80	4865	1.3	**WGM075**	**71B5**	**71B2**
	28	116	100	5241	1.0			
	35	108	40	4865	2.0	**WGM075**	**80B5/B14**	**80A4**
	28	128	50	5241	1.6			
	23.3	144	60	5569	1.4			
	17.5	177	80	6130	1.1			
	14	206	100	6603	0.9			
	30	124	30	5122	2.1	**WGM075**	**80B5/B14**	**80B6**
	22.5	156	40	5637	1.5			
	18	184	50	6073	1.2			
	15	210	60	6453	1.0			
0.75	46.7	107	60	4421	1.3	**WGM075**	**80B5/B14**	**80A2**
	35	135	80	4865	1.0			
	28	159	100	5241	0.8			
	56	101	25	4160	2.0	**WGM075**	**80B5/B14**	**80B4**
	46.7	117	30	4421	2.0			
	35	147	40	4865	1.5			
	28	174	50	5241	1.2			
	23.3	196	60	5569	1.0			
	60	97	15	4065	2.4	**WGM075**	**90B5/B14**	**90S6**
	45	124	20	4474	1.9			
	36	149	25	4820	1.4			
	30	170	30	5122	1.5			
	22.5	213	40	5637	1.1			

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WGM 075

TABUĽKA VÝBERU PREVODOVKY
WGM Parametre výkonnosti WGM + ELEKTROMOTOR

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			
1.1	112	77	25	3302	2.0	**WGM075**	**80B5/B14**	**80B2**
	93.3	89	30	3509	1.9			
	70	114	40	3862	1.4			
	56	137	50	4160	1.1			
	46.7	158	60	4421	0.9			
	90	98	10	3551	2.3	**WGM075**	**90B5/B14**	**90L6**
	60	142	15	4065	1.7			
	45	182	20	4474	1.3			
	36	219	25	4820	1.0			
	30	249	30	5122	1.0			
	93.3	95	15	3509	2.1	**WGM075**	**90B5/B14**	**90S4**
	70	122	20	3862	1.7			
	56	148	25	4160	1.3			
	46.7	171	30	4421	1.3			
	35	216	40	4865	1.0			
1.5	120	103	7.5	3227	2.1	**WGM075**	**100B5/B14**	**100L6**
	90	134	10	3551	1.7			
	60	193	15	4065	1.2			
	56	187	50	4160	1.3	**WGM075**	**90B5/B14**	**90S2**
	46.7	215	60	4421	1.1			
	140	89	10	3065	2.2	**WGM075**	**90B5/B14**	**90L4**
	93.3	129	15	3509	1.6			
	70	166	20	3862	1.3			
	56	202	25	4160	1.0			
	46.7	233	30	4421	1.0			
	280	45	10	2433	3.2	**WGM075**	**90B5/B14**	**90S2**
	186.7	66	15	2785	2.3			
	140	86	20	3065	1.9			
	112	105	25	3302	1.4			
	93.3	121	30	3509	1.4			
	70	156	40	3862	1.1			

WGM 075

TABUĽKA VÝBERU PREVODOVKY
WGM Parametre výkonnosti WGM + ELEKTROMOTOR

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs			
2.2	186.7	99	7.5	2785	1.9	**WGM075**	**100B5/B14**	**100LA4**
	140	131	10	3065	1.5			
	93.3	189	15	3509	1.1			
	373.3	50	7.5	2210	2.6	**WGM075**	**90B5/B14**	**90L2**
	280	66	10	2433	2.2			
	186.7	97	15	2785	1.5			
	140	126	20	3065	1.3			
	112	154	25	3302	1.0			
	93.3	178	30	3509	1.0			
3.0	373.3	68	7.5	2210	1.9	**WGM075**	**100B5/B14**	**100L2**
	280	90	10	2433	1.6			
	186.7	135	7.5	2785	1.4	**WGM075**	**100B5/B14**	**100LB4**
	140	178	10	3065	1.1			
	93.3	258	15	3509	0.8			
4.0	373.3	91	7.5	2210	1.4	**WGM075**	**112B5/B14**	**112M2**
	280	120	10	2433	1.2			
	186.7	180	7.5	2785	1.0	**WGM075**	**112B5/B14**	**112M4**
	140	237	10	3065	0.8			

TABUĽKA VÝBERU PREVODOVKY
WGM Parametre výkonnosti WGM + WGM + ELEKTROMOTOR

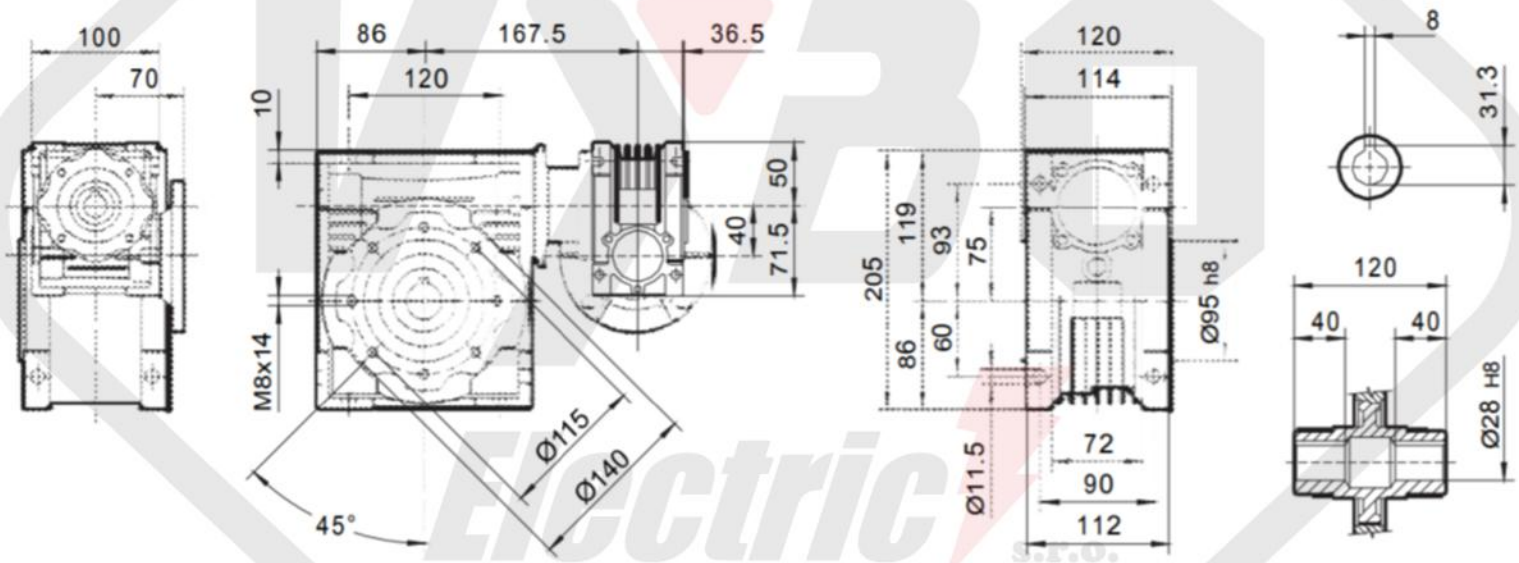
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs		
0.06	0.6	267	2400	7380	1.1	**WGM040/075**	**56A4**
	0.5	305	3000	7380	0.8		
	0.4	360	4000	7380	0.7		
	0.3	409	5000	7380	0.5		
0.09	0.9	305	1500	7380	1.1	**WGM040/075**	**56B4**
	0.8	331	1800	7380	1.0		
	0.6	400	2400	7380	0.7		
0.12	1.6	279	900	7380	1.2	**WGM040/075**	**63A4**
	1.2	344	1200	7380	0.9		

WGM 075

TABUĽKA VÝBERU PREVODOVKY
Parametre výkonnosti WGM + WGM + ELEKTROMOTOR

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		
0.18	2.3	336	600	7380	1.1	**WGM040/075**	**63B4**
	1.9	371	750	7380	0.9		
	1.6	419	900	7380	0.8		
0.25	3.5	321	400	7380	1.1	**WGM040/075**	**71A4**
	2.8	375	500	7380	0.8		
0.37	4.7	383	300	7380	1.0	**WGM040/075**	**71B4**
	3.5	474	400	7380	0.7		

WGM040 / 075



TABUĽKA VÝBERU PREVODOVKY
Parametre výkonnosti WGM + PS + ELEKTROMOTOR

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		
0.18	5.0	179	180	7380	1.7	**PS071 - WGM075**	**7116**
	3.8	211	240	7380	1.2		
	3.0	235	300	7380	1.0		

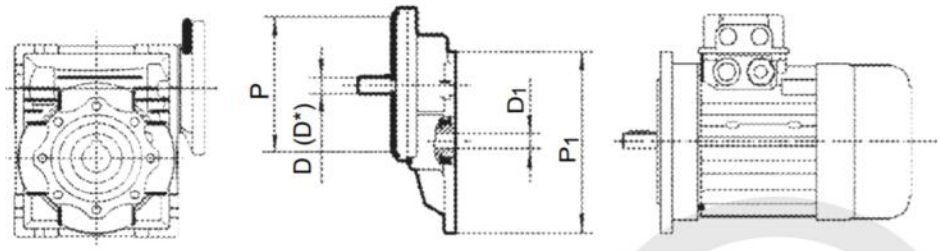
WGM 075

TABUĽKA VÝBERU PREVODOVKY
Parametre výkonnosti WGM + PS + ELEKTROMOTOR

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	Fr_2 [N]	fs		
0.25	9.3	151	150	7380	1.7	**PS071 - WGM075**	**71A4**
	7.8	172	180	7380	1.4		
	5.8	201	240	7380	1.1		
	4.7	230	300	7380	0.9		
	12.0	139	75	6952	2.4	**PS071 - WGM075**	**71B6**
	10.0	155	90	7380	2.5		
	7.5	191	120	7380	1.9		
	6.0	219	150	7380	1.5		
	5.0	248	180	7380	1.2		
0.37	18.7	138	75	6000	1.8	**PS071 - WGM075**	**71B4**
	15.6	154	90	6375	1.9		
	11.7	191	120	7017	1.5		
	9.3	223	150	7380	1.1		
	7.8	254	180	7380	0.9		
	12.0	206	75	6952	1.6	**PS080 - WGM075**	**80A6**
	10.0	230	90	7380	1.7		
	7.5	283	120	7380	1.3		
	6.0	324	150	7380	1.0		
0.55	18.7	205	75	6000	1.2	**PS080 - WGM075**	**80A4**
	15.6	230	90	6375	1.3		
	11.7	284	120	7017	1.0		
	9.3	332	150	7380	0.8		
	12.0	306	75	6952	1.1	**PS080 - WGM075**	**80B6**
	10.0	341	90	7380	1.1		
0.75	18.7	280	75	6000	0.9	**PS080 - WGM075**	**80B4**
	15.6	313	90	6375	1.0		

	i	PS 063		PS 071		PS 080			PS 090		
		105 / 11 i = 3	105 / 14 i = 3	120 / 14 i = 3	120 / 19 i = 3	160 / 19 i = 3	160 / 24 i = 3	160 / 28 i = 3	160 / 19 i = 2.42	160 / 24 i = 2.42	160 / 28 i = 2.42
WGM075	25										
	30										
	40										
	50										
	60										
	80										
	100										

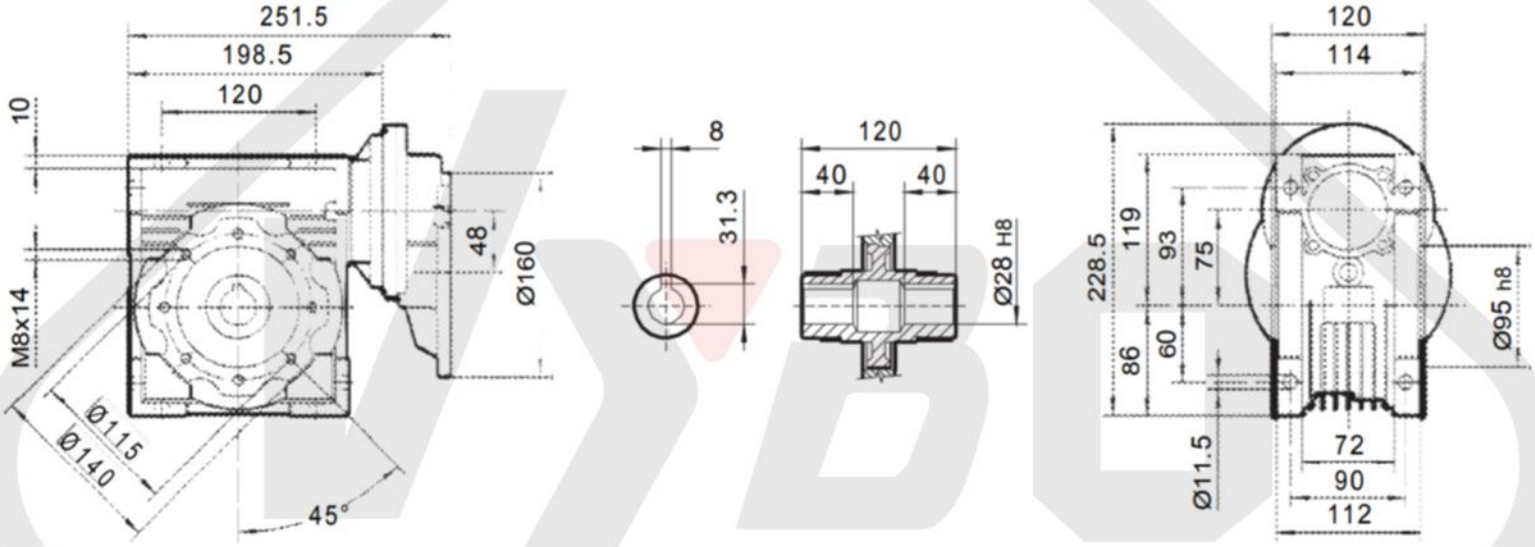
WGM 075



	P	D	D*	P_1	D_1
PS 063	105	11	14	140 (63B5)	11
PS 071	120	14	19	160 (71B5)	14
PS 080	160	19	24 28	200 (80B5)	19
PS 090	160	24	19 28	200 (90B5)	24

* Iba na vyžiadanie

PS071 - WGM075



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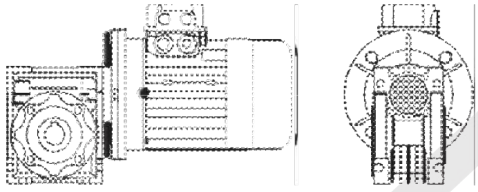
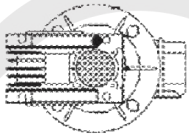
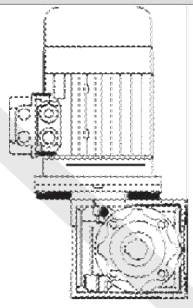
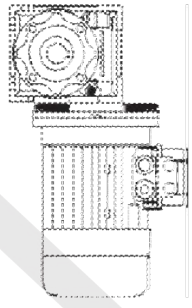
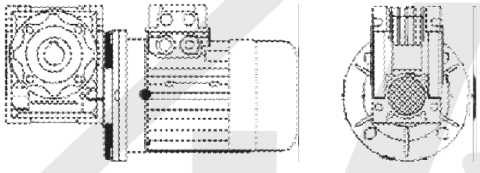
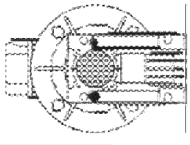
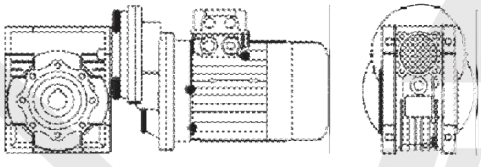
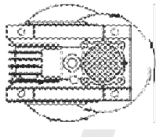
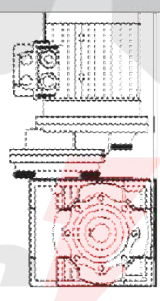
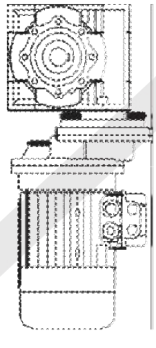
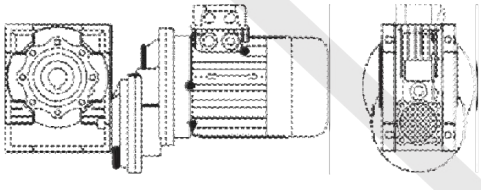
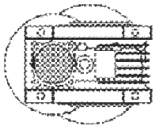
MONTÁŽNY DIAGRAM

WGM alebo WGMHS - Montážna poloha

WGM...U - B3	B6	V5	V6
1 	 1	 1	 1
B8	**B7**		
3 	 1		

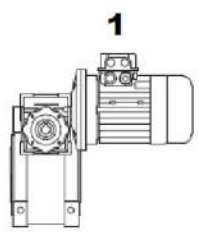
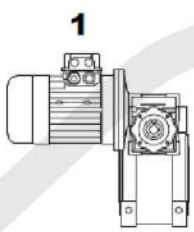
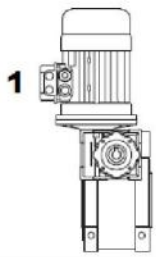
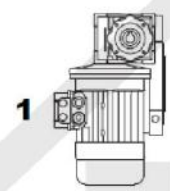
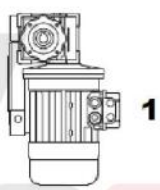
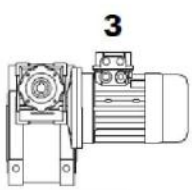
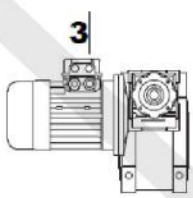
PS - WGM - Montážna poloha

PS.. - WGM...U - B3	B6	V5	V6
1 	 1	 1	 1
B8	**B7**		
3 	 1		

Verzia “U” sa vzťahuje na veľkosti od WGM025-075 a WGMHS030-063. Pri týchto rozmeroch nie je potrebné špecifikovať montážnu polohu.

- Pokiaľ nie je uvedené inak, štandardné pozície sú B3.

WGM/WGMHS Montážne pozície

AS1	AS2	VS1	VS2
			
PS1	**PS2**	**BS1**	**BS2**
			

Existuje 8 rôznych typov prevodoviek s dvoma závitovkami.
Malá prevodovka môže byť namontovaná na veľkú prevodovku.
Montážna poloha sa vždy vzťahuje na veľkú prevodovku.
Ak nie je uvedené v objednávke inak, dodáva sa typ BS2.